

APPARATUS AND MANUFACTURING METHOD FOR BORDER LIGHTING

Abstract of Disclosure

A border lighting strip (10) includes an electrical cable (14) having a plurality of electrical conductors (14A, 14B). A plurality of light emitting devices (LEDs) (12) arranged alongside the electrical cable (14) and electrically connected (12A, 12B) thereto. An essentially hollow extruded sheath (16) of translucent or transparent material is adapted to receive the LEDs (12). The sheath (16) also includes an integrally formed cylindrical lens (18) arranged to optically cooperate with the LEDs (12). A method (200) for manufacturing a lighting strip includes electrically connecting (202, 204, 206, 208) a plurality of light emitting devices to an electrical cable to form a linear light source (214), extruding (216) a transparent or translucent sheath adapted to receive the linear light source (214), and inserting (218) the linear light source into the extruded sheath to form the border lighting strip (220).

Figures

60000	50000	40000	30000	20000	10000	0
10000	20000	30000	40000	50000	60000	70000
80000	90000	100000	110000	120000	130000	140000
150000	160000	170000	180000	190000	200000	210000
220000	230000	240000	250000	260000	270000	280000
290000	300000	310000	320000	330000	340000	350000
360000	370000	380000	390000	400000	410000	420000
430000	440000	450000	460000	470000	480000	490000
500000	510000	520000	530000	540000	550000	560000
570000	580000	590000	600000	610000	620000	630000
640000	650000	660000	670000	680000	690000	700000
710000	720000	730000	740000	750000	760000	770000
780000	790000	800000	810000	820000	830000	840000
850000	860000	870000	880000	890000	900000	910000
920000	930000	940000	950000	960000	970000	980000
990000	1000000	1010000	1020000	1030000	1040000	1050000
1060000	1070000	1080000	1090000	1100000	1110000	1120000
1130000	1140000	1150000	1160000	1170000	1180000	1190000
1200000	1210000	1220000	1230000	1240000	1250000	1260000
1270000	1280000	1290000	1300000	1310000	1320000	1330000
1340000	1350000	1360000	1370000	1380000	1390000	1400000
1410000	1420000	1430000	1440000	1450000	1460000	1470000
1480000	1490000	1500000	1510000	1520000	1530000	1540000
1550000	1560000	1570000	1580000	1590000	1600000	1610000
1620000	1630000	1640000	1650000	1660000	1670000	1680000
1690000	1700000	1710000	1720000	1730000	1740000	1750000
1760000	1770000	1780000	1790000	1800000	1810000	1820000
1830000	1840000	1850000	1860000	1870000	1880000	1890000
1900000	1910000	1920000	1930000	1940000	1950000	1960000
1970000	1980000	1990000	2000000	2010000	2020000	2030000
2040000	2050000	2060000	2070000	2080000	2090000	2100000
2110000	2120000	2130000	2140000	2150000	2160000	2170000
2180000	2190000	2200000	2210000	2220000	2230000	2240000
2250000	2260000	2270000	2280000	2290000	2300000	2310000
2320000	2330000	2340000	2350000	2360000	2370000	2380000
2390000	2400000	2410000	2420000	2430000	2440000	2450000
2460000	2470000	2480000	2490000	2500000	2510000	2520000
2530000	2540000	2550000	2560000	2570000	2580000	2590000
2600000	2610000	2620000	2630000	2640000	2650000	2660000
2670000	2680000	2690000	2700000	2710000	2720000	2730000
2740000	2750000	2760000	2770000	2780000	2790000	2800000
2810000	2820000	2830000	2840000	2850000	2860000	2870000
2880000	2890000	2900000	2910000	2920000	2930000	2940000